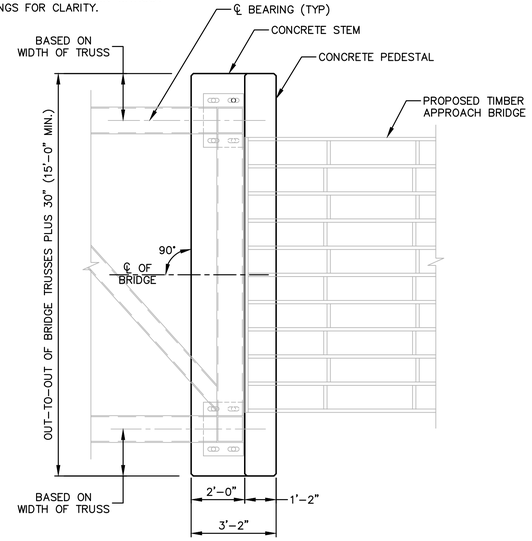
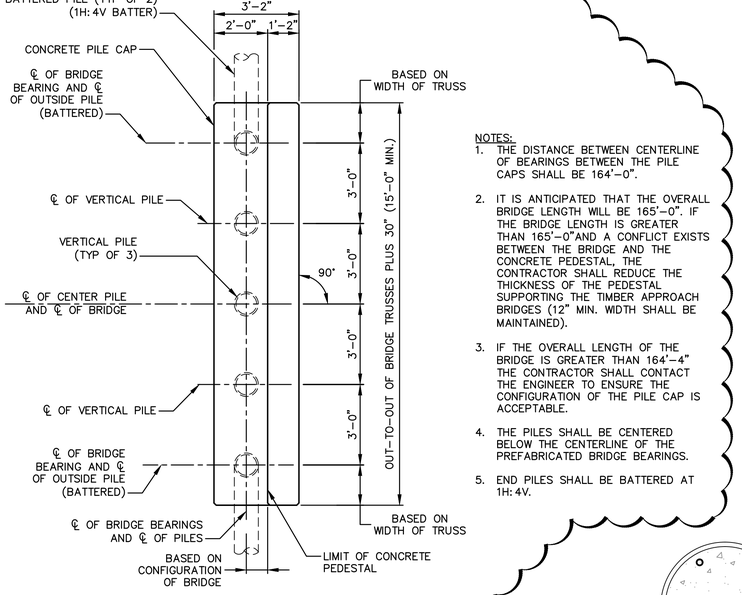
NOTE:
PROPOSED PREFABRICATED STEEL TRUSS BRIDGE AND TIMBER APPROACH BRIDGE SHOWN WITHOUT DECKING AND RAILINGS FOR CLARITY.



TYPICAL PIER PLAN

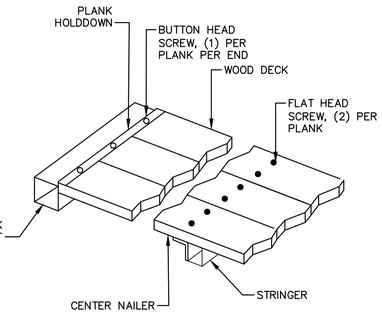
SCALE: 3/8"=1'-0"



NOTES:
1. THE DISTANCE BETWEEN CENTERLINE OF BEARINGS BETWEEN THE PILE CAPS SHALL BE 164'-0".
2. IT IS ANTICIPATED THAT THE OVERALL BRIDGE LENGTH WILL BE 165'-0". IF THE BRIDGE LENGTH IS GREATER THAN 165'-0"AND A CONFLICT EXISTS BETWEEN THE BRIDGE AND THE CONCRETE PEDESTAL, THE CONTRACTOR SHALL REDUCE THE THICKNESS OF THE PEDESTAL SUPPORTING THE TIMBER APPROACH BRIDGES (12" MIN. WIDTH SHALL BE MAINTAINED).
3. IF THE OVERALL LENGTH OF THE BRIDGE IS GREATER THAN 164'-4" THE CONTRACTOR SHALL CONTACT THE ENGINEER TO ENSURE THE CONFIGURATION OF THE PILE CAP IS ACCEPTABLE.
4. THE PILES SHALL BE CENTERED BELOW THE CENTERLINE OF THE PREFABRICATED BRIDGE BEARINGS.
5. END PILES SHALL BE BATTERED AT 1H:4V.

TYPICAL PILE LAYOUT

SCALE: 3/8"=1'-0"



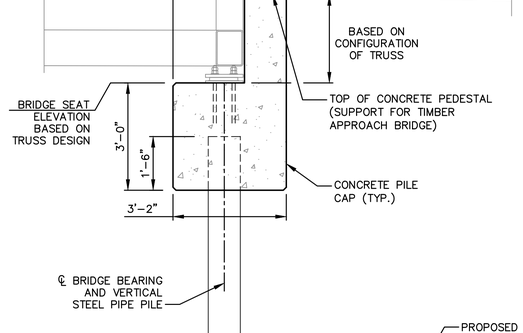
WOOD DECK DETAIL

NOT TO SCALE

NOTE:
THE DEFORMED STEEL REINFORCEMENT SHALL BE SECURELY HELD IN POSITION WITH SPACERS. THE COST OF SPACERS SHALL BE INCLUDED IN THE COST OF THE REINFORCEMENT.

PILE REINFORCEMENT

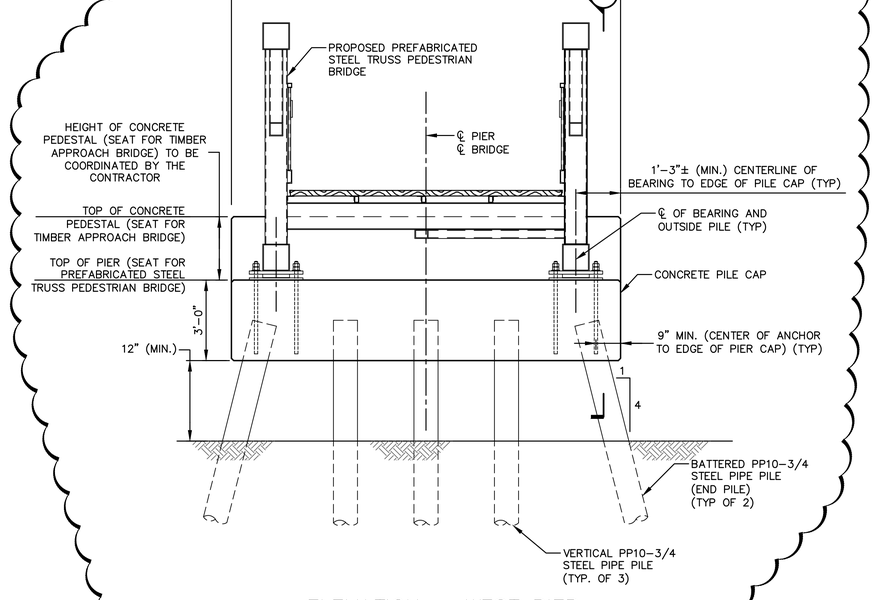
SCALE: N.T.S.



NOTES:
1. PILES SHALL BE PP10-3/4 x 0.365 STEEL PIPE PILES FILLED WITH CLASS 'C' CONCRETE.
2. THE PILES SHALL BE END BEARING PIPES DRIVEN TO BEDROCK.
3. APPROXIMATE BED ROCK ELEVATIONS ARE
   - PIER NO. 1 = 230±
   - PIER NO. 2 = 227±
4. PER THE GEOTECHNICAL REPORT AT ELEVATION 232± THE SOIL CHARACTERIZATION UNDER PIER NO. 2 IS DESCRIBED AS DECOMPOSED ROCK OR TILL WITH COBBLES AND BOULDERS.
5. THE CONTRACTOR SHALL COORDINATE WITH THE BRIDGE FABRICATOR AND ADJUST THE WIDTH OF THE CONCRETE PEDESTAL (12" MIN.) AT THE EXPANSION BEARINGS TO ENSURE THERE IS ADEQUATE ROOM FOR EXPANSION.
6. EACH STEEL PILE SHALL BE REINFORCED WITH 6 FULL LENGTH #7 BARS.
7. THE EXPOSED PORTIONS OF THE STEEL PILES SHALL BE PAINTED BLACK IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FROM THE TOP OF THE PILE TO A POINT 2 FEET BELOW PROPOSED GRADE (SECTION 7.02.03-12). THE PAINT SHALL COMPLY WITH SECTION M.07.07 - BLACK COLOR.

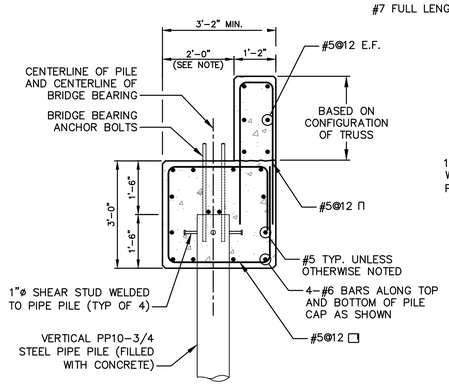
1 SECTION - PIER

SCALE: 1/2"= 1'-0"



ELEVATION - WEST PIER

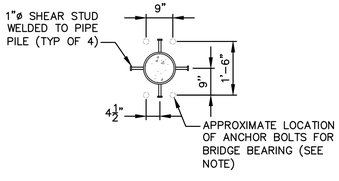
SCALE: 3/8"=1'-0"



NOTE: THE WIDTH OF THE BRIDGE SEAT SHALL BE ADJUSTED BASED ON THE CONFIGURATION OF THE BRIDGE AND THE BRIDGE EXPANSION REQUIREMENTS.

CONCRETE PILE CAP SECTION

SCALE: 1/2"=1'-0"



NOTE: THE CONTRACTOR SHALL COORDINATE WITH THE APPROVED BRIDGE FABRICATOR THE CONFIGURATION OF THE BEARINGS AND THE SIZE, NUMBER, AND LOCATION OF ANCHOR BOLTS TO ENSURE PLACEMENT OF THE STEEL PIPE PILES AND ANCHOR BOLTS ARE NOT IN CONFLICT.

OUTSIDE PILE BEARING ANCHOR BOLT CONFIGURATION

SCALE: 1/2"=1'-0"

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
6.	04/10/2015	ADDENDUM #1	VC	JL
5.	11/11/2014	RESPONSE TO FINAL DESIGN COMMENTS	MM	JL
4.	09/03/2014	REVISED ALIGNMENT	VC	JL
3.	02/20/2014	RESPONSE TO REGULATORY COMMENTS	VC	JL
2.	04/26/2013	RESPONSE TO H&D COMMENTS	VC / PB	JL
1.	06/01/2012	PERMIT APPLICATION REQUIREMENTS	PB	JL

SEAL

SEAL

SCALE:
HORZ.: AS NOTED
VERT.:
DATUM:
HORZ.:
VERT.:
0
GRAPHIC SCALE

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TOWN OF BROOKFIELD
PREFABRICATED STEEL PEDESTRIAN BRIDGE
FOUNDATION DETAILS
STILL RIVER GREENWAY
STATE OF CONNECTICUT PROJECT NO. 18-128
BROOKFIELD CONNECTICUT

PROJ. No.: 20060970.A30
DATE: MARCH 2012

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